

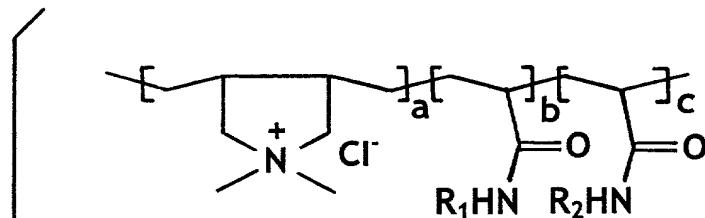
$\text{A, B} = \text{O, NH, N}-$
| |

$\text{R}_1, \text{R}_2 =$ quaternary ammonium, hydrophilic,
hydrophobic, reactive, or self condensing group

$\text{R}_3 =$ H, alkyl, or alkoxy group

$\text{X} =$ halogen or other counter ion

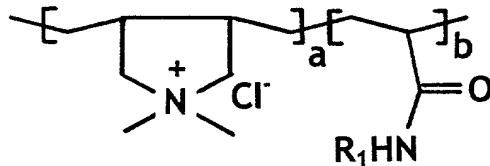
FIG. 1A



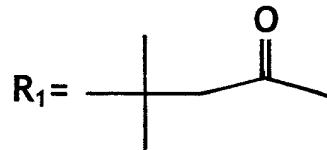
$a = 1$ to 99% , $b = (100-a)\%$, $c = 0$ to $100-(a+b)\%$

R_1 , R_2 - as above

FIG. 1B



$a = 1$ to 99% , $b = (100-a)\%$



for CP 7091 RV, $a \sim 90$; $b \sim 10$

FIG. 1C

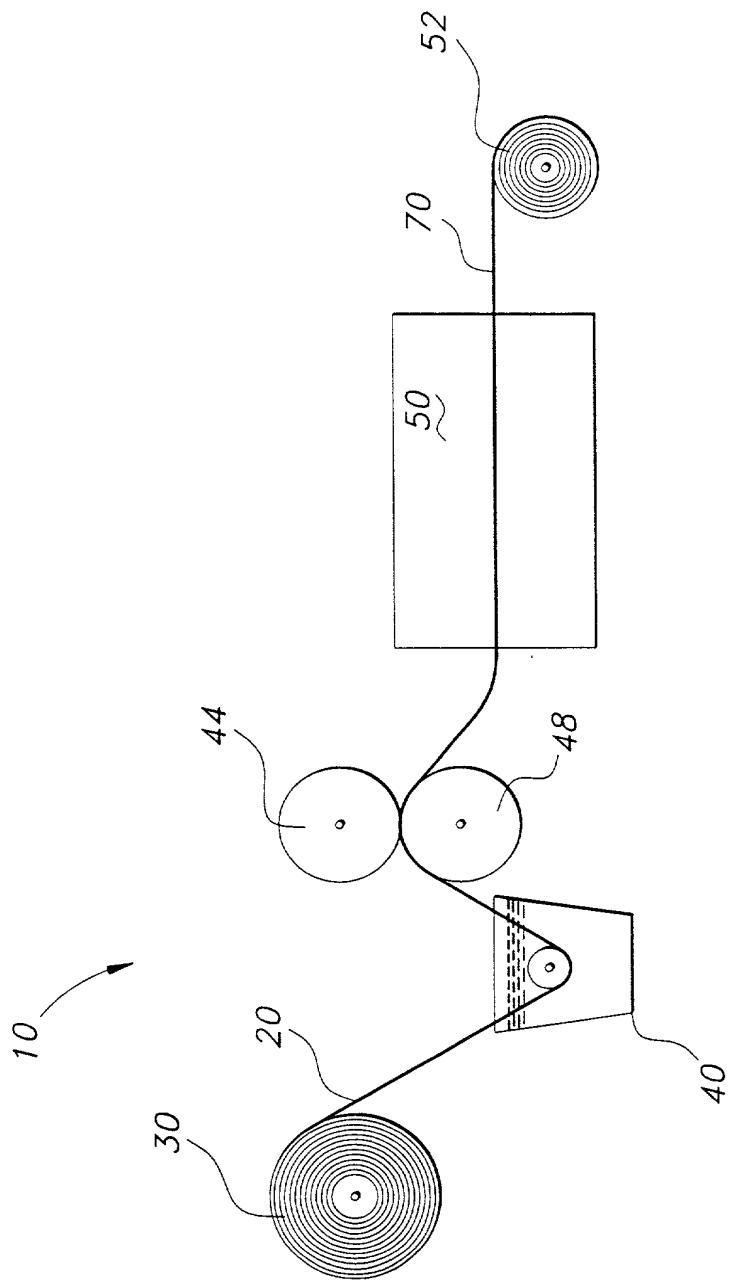


FIG. 2